#5

SEQUENCE LISTING

<110> Sheppard, Paul O.
Gilbertson, Debra G.

<120> SECRETED PROTEINS ENCODED BY HUMAN CHROMOSOME 13

<130> 97-38C1

<140> US 10/010,050
<141> 2001-11-09

<150> US 09/122,383
<151> 1998-07-24

<150> US 60/053,613
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ggc gcg ggc gcg gct cgg gga cgc gct tcc tgg tgc tgg gcg ctg gcg      103
Gly Ala Gly Ala Ala Arg Gly Arg Ala Ser Trp Cys Trp Ala Leu Ala
     5                  10                  15

ctg ctt tgg ctc gcg gtg gtt ccg ggc tgg tcc cgg gtc tcg ggc atc      151
Leu Leu Trp Leu Ala Val Val Pro Gly Trp Ser Arg Val Ser Gly Ile
 20                  25                  30                  35

ccc tcc cgg cgc cac tgg ccg gtg ccc tac aag cgc ttt gac ttc cgt      199
Pro Ser Arg Arg His Trp Pro Val Pro Tyr Lys Arg Phe Asp Phe Arg
                 40                  45                  50

cca aaa cct gat cct tat tgt caa gct aag tat act ttc tgt cca act      247
Pro Lys Pro Asp Pro Tyr Cys Gln Ala Lys Tyr Thr Phe Cys Pro Thr
             55                  60                  65

ggc tca cct atc cca gtt atg gag ggt gat gat gac att gaa gtt ttt      295
Gly Ser Pro Ile Pro Val Met Glu Gly Asp Asp Asp Ile Glu Val Phe
         70                  75                  80

cga tta caa gcc cca gta tgg gaa ttt aaa tat gga gac ctc ctg gga      343
Arg Leu Gln Ala Pro Val Trp Glu Phe Lys Tyr Gly Asp Leu Leu Gly
     85                  90                  95

cac ttg aaa att atg cat gat gcc att gga ttc aga agt aca tta act      391
His Leu Lys Ile Met His Asp Ala Ile Gly Phe Arg Ser Thr Leu Thr
100                 105                 110                 115

ggc aag aac tac aca atg gaa tgg tat gaa ctt ttc caa ctt ggc aac      439
Gly Lys Asn Tyr Thr Met Glu Trp Tyr Glu Leu Phe Gln Leu Gly Asn
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tgt aca ttt ccc cat ctc cga cct gaa atg gat gcc cct ttc tgg tgt      487
Cys Thr Phe Pro His Leu Arg Pro Glu Met Asp Ala Pro Phe Trp Cys
            135                 140                 145

aat caa ggc gct gcc tgc ttt ttt gag gga att gat gat gtt cac tgg      535
Asn Gln Gly Ala Ala Cys Phe Phe Glu Gly Ile Asp Asp Val His Trp
        150                 155                 160

aag gaa aat ggg aca tta gtt caa gta gca act ata tca gga aac atg      583
Lys Glu Asn Gly Thr Leu Val Gln Val Ala Thr Ile Ser Gly Asn Met
    165                 170                 175

ttc aac caa atg gca aag tgg gtg aaa cag gac aat gaa aca gga att      631
Phe Asn Gln Met Ala Lys Trp Val Lys Gln Asp Asn Glu Thr Gly Ile
180                 185                 190                 195

tat tat gag aca tgg aat gta aaa gcc agc cca gaa aag ggg gca gag      679
Tyr Tyr Glu Thr Trp Asn Val Lys Ala Ser Pro Glu Lys Gly Ala Glu
                200                 205                 210

aca tgg ttt gat tcc tac gac tgt tcc aaa ttt gtg tta agg acc ttt      727
Thr Trp Phe Asp Ser Tyr Asp Cys Ser Lys Phe Val Leu Arg Thr Phe
            215                 220                 225

aac aag ttg gct gaa ttt gga gca gag ttc aag aac ata gaa acc aac      775
Asn Lys Leu Ala Glu Phe Gly Ala Glu Phe Lys Asn Ile Glu Thr Asn
        230                 235                 240

tat aca aga ata ttt ctt tac agt gga gaa cct act tat ctg gga aat      823
Tyr Thr Arg Ile Phe Leu Tyr Ser Gly Glu Pro Thr Tyr Leu Gly Asn
    245                 250                 255

gaa aca tct gtt ttt ggg cca aca gga aac aag act ctt ggt tta gcc      871
Glu Thr Ser Val Phe Gly Pro Thr Gly Asn Lys Thr Leu Gly Leu Ala
260                 265                 270                 275

ata aaa aga ttt tat tac ccc ttc aaa cca cat ttg cca act aaa gaa      919
Ile Lys Arg Phe Tyr Tyr Pro Phe Lys Pro His Leu Pro Thr Lys Glu
                280                 285                 290

ttt ctg ttg agt ctc ttg caa att ttt gat gca gtg att gtg cac aaa      967
Phe Leu Leu Ser Leu Leu Gln Ile Phe Asp Ala Val Ile Val His Lys
            295                 300                 305

cag ttc tat ttg ttt tat aat ttt gaa tat tgg ttt tta cct atg aaa     1015
Gln Phe Tyr Leu Phe Tyr Asn Phe Glu Tyr Trp Phe Leu Pro Met Lys
        310                 315                 320

ttc cct ttt att aaa ata aca tat gaa gaa atc cct tta cct atc aga     1063
Phe Pro Phe Ile Lys Ile Thr Tyr Glu Glu Ile Pro Leu Pro Ile Arg
    325                 330                 335

aac aaa aca ctc tct ggt tta taaaacacct taattctact gctctttttt        1114
Asn Lys Thr Leu Ser Gly Leu
340                 345

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<213> Homo sapien

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        35                  40                  45
Asp Phe Arg Pro Lys Pro Asp Pro Tyr Cys Gln Ala Lys Tyr Thr Phe
    50                  55                  60
Cys Pro Thr Gly Ser Pro Ile Pro Val Met Glu Gly Asp Asp Asp Ile
65                  70                  75                  80
Glu Val Phe Arg Leu Gln Ala Pro Val Trp Glu Phe Lys Tyr Gly Asp
                85                  90                  95
Leu Leu Gly His Leu Lys Ile Met His Asp Ala Ile Gly Phe Arg Ser
            100                 105                 110
Thr Leu Thr Gly Lys Asn Tyr Thr Met Glu Trp Tyr Glu Leu Phe Gln
        115                 120                 125
Leu Gly Asn Cys Thr Phe Pro His Leu Arg Pro Glu Met Asp Ala Pro
    130                 135                 140
Phe Trp Cys Asn Gln Gly Ala Ala Cys Phe Phe Glu Gly Ile Asp Asp
145                 150                 155                 160
Val His Trp Lys Glu Asn Gly Thr Leu Val Gln Val Ala Thr Ile Ser
                165                 170                 175
Gly Asn Met Phe Asn Gln Met Ala Lys Trp Val Lys Gln Asp Asn Glu
            180                 185                 190
Thr Gly Ile Tyr Tyr Glu Thr Trp Asn Val Lys Ala Ser Pro Glu Lys
        195                 200                 205
Gly Ala Glu Thr Trp Phe Asp Ser Tyr Asp Cys Ser Lys Phe Val Leu
    210                 215                 220
Arg Thr Phe Asn Lys Leu Ala Glu Phe Gly Ala Glu Phe Lys Asn Ile
225                 230                 235                 240
Glu Thr Asn Tyr Thr Arg Ile Phe Leu Tyr Ser Gly Glu Pro Thr Tyr
                245                 250                 255
Leu Gly Asn Glu Thr Ser Val Phe Gly Pro Thr Gly Asn Lys Thr Leu
            260                 265                 270
Gly Leu Ala Ile Lys Arg Phe Tyr Tyr Pro Phe Lys Pro His Leu Pro
        275                 280                 285
Thr Lys Glu Phe Leu Leu Ser Leu Leu Gln Ile Phe Asp Ala Val Ile
    290                 295                 300
Val His Lys Gln Phe Tyr Leu Phe Tyr Asn Phe Glu Tyr Trp Phe Leu
305                 310                 315                 320
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<400> 4

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<210> 5
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aaygtnaarg cnwsnccnga raarggngcn garacntggt tygaywsnta ygaytgywsn 660
aarttygtny tnmgnacntt yaayaarytn gcngarttyg gngcngartt yaaraayath 720
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tayccnttya arccncayyt nccnacnaar garttyytny tnwsnytnyt ncarathtty 900
gaygcngtna thgtncayaa rcarttytay ytnttytaya ayttygarta ytggttyytn 960
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